

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092321\
 Data File : VW022276.D
 Acq On : 23 Sep 2021 11:29
 Operator : SY/MD
 Sample : VSTD01027
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010227

Quant Time: Sep 24 02:38:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 02:37:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	132557	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	133567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	71301	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67468	11.949	ug/L	0.00
7) Chloroethane-d5	1.565	69	78131	11.754	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	160230	12.334	ug/L	0.00
20) 2-Butanone-d5	3.905	46	306451	136.221	ug/L	0.00
24) Chloroform-d	4.349	84	194476	11.238	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	95510	11.918	ug/L	0.00
32) Benzene-d6	5.050	84	391293	11.019	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	119386	10.447	ug/L	0.00
41) Toluene-d8	7.317	98	367770	11.228	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	38655	11.175	ug/L	0.00
46) 2-Hexanone-d5	8.092	63	257979	143.049	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	102290	12.908	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	135058	10.379	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	107870	10.776	ug/L	99
3) Chloromethane	1.237	50	102166	11.487	ug/L	98
5) Vinyl chloride	1.304	62	101789	11.115	ug/L	98
6) Bromomethane	1.516	94	65109	11.270	ug/L	99
8) Chloroethane	1.581	64	63067	11.000	ug/L	97
9) Trichlorofluoromethane	1.748	101	141500	10.709	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	83762	11.325	ug/L	99
12) 1,1-Dichloroethene	2.111	96	77757	11.711	ug/L	95
13) Acetone	2.201	43	166838	120.693	ug/L	97
14) Carbon disulfide	2.285	76	266474	13.374	ug/L	98
15) Methyl Acetate	2.442	43	39698	10.085	ug/L	94
16) Methylene chloride	2.503	84	97918	8.578	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	209455	10.573	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	93096	11.201	ug/L	98
19) 1,1-Dichloroethane	3.188	63	161342	10.482	ug/L	98
21) 2-Butanone	3.989	43	260310	116.989	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	94955	10.357	ug/L	94
23) Bromochloromethane	4.249	128	43578	10.483	ug/L	98
25) Chloroform	4.375	83	164176	10.092	ug/L	98
27) 1,2-Dichloroethane	5.133	62	95892	10.724	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	145016	9.964	ug/L	98
30) Cyclohexane	4.677	56	148866	11.076	ug/L	98
31) Carbon tetrachloride	4.828	117	125136	9.965	ug/L	99
33) Benzene	5.098	78	370379	10.478	ug/L	100
34) Trichloroethene	5.915	95	92543	9.442	ug/L	95
35) Methylcyclohexane	6.130	83	150225	10.437	ug/L	96
37) 1,2-Dichloropropane	6.175	63	96053	10.772	ug/L	98
38) Bromodichloromethane	6.513	83	114789	10.177	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	135476	10.747	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	636635	114.874	ug/L	99
42) Toluene	7.387	91	415330	10.814	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	113636	10.491	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	69442	10.411	ug/L	98
47) Tetrachloroethene	7.976	164	79565	10.260	ug/L	95
48) 2-Hexanone	8.143	43	461471	120.023	ug/L	99
49) Dibromochloromethane	8.249	129	79791	10.229	ug/L	99
50) 1,2-Dibromoethane	8.355	107	66556	10.629	ug/L	96
51) Chlorobenzene	8.883	112	255757	10.108	ug/L	98
52) Ethylbenzene	9.014	91	427733	10.489	ug/L	99
53) m,p-xylene	9.140	106	167760	10.535	ug/L	97
54) o-xylene	9.545	106	162544	10.349	ug/L	96
55) Styrene	9.561	104	281784	10.818	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	86015	12.041	ug/L	99
59) Bromoform	9.735	173	41625	9.741	ug/L	97
60) Isopropylbenzene	9.934	105	430366	10.038	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	59334	10.317	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	357584	10.038	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	365299	10.136	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	206560	9.944	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	204229	9.847	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	195206	10.048	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	12347	11.351	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	157409	9.797	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	126234	9.963	ug/L	95
71) Naphthalene	13.503	128	242995	12.532	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	120595	10.734	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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